

In the Claims:

This listing of the claims will replace all previous versions, and listings, of the claims in this application.

Claims 1-20, 22-38 and 40-92 were previously pending.

✓ Claims 1-20, 40-45 and 55-76 are presently canceled without prejudice.

Claims 21 and 39 were previously canceled without prejudice.

Claims 93-107 are added.

Claims 22-38, 46-54 and 77-107 are pending.

Listing of Claims:

1-21. (Canceled)

DI 22. (Previously presented) A method comprising:
receiving information identifying a live presentation; and
making the information available for searching only during a duration of the live presentation.

23. (Original) A method as recited in claim 22, wherein the receiving comprises receiving information identifying a live presentation scheduled to occur in the future.

24. (Original) A method as recited in claim 22, wherein the receiving comprises receiving information identifying a currently available live presentation.

25. (Previously presented) A method as recited in claim 22, further comprising:

receiving information identifying a plurality of live presentations; and
for each live presentation, making the information identifying the live presentation available for searching only during a duration of the live presentation.

26. (Previously presented) A method comprising:
receiving information identifying a live presentation; and
making the information available for searching only during a duration of the live presentation, and further comprising:

receiving information identifying a plurality of live presentations;
for each live presentation, making the information identifying the live presentation available for searching only for the duration of the live presentation;
maintaining a record of user search requests; and
notifying the corresponding user when a new live presentation that satisfies a search request is available.

27. (Original) A method as recited in claim 26, further comprising:
receiving, for each of the user search requests, an indication of how the user should be notified; and
notifying the user in accordance with the notification.

28. (Original) A method as recited in claim 22, wherein the receiving comprises receiving the information from a same encoder as is presenting the information.

29. (Previously presented) A method comprising:
receiving information identifying a live presentation; and
making the information available for searching only for a duration of the live presentation, wherein the making the information available for searching comprises:

adding the information to a database of currently available live presentations; and

deleting the information from the database when the live presentation has ended.

30. (Original) A method as recited in claim 29, further comprising:
receiving a user search request; and
accessing the database of currently available live presentations to determine whether a currently available live presentation matches the user search request.

31. (Previously presented) A method as recited in claim 22, further comprising receiving an indication, from an encoder that is presenting the information, that the live presentation is finished.

32. (Previously presented) A method as recited in claim 22, further comprising:

receiving information identifying a current characteristic of the live presentation; and

making the current characteristic available for searching for as long as the current characteristic describes a currently presenting portion of the live presentation.

33. (Previously presented) A method comprising:

receiving information identifying a live presentation;

making the information available for searching only for a duration of the live presentation;

receiving information identifying a current characteristic of the live presentation; and

making the current characteristic available for searching for as long as the current characteristic describes a currently presenting portion of the live presentation, wherein the making the current characteristic available for searching comprises:

adding the information identifying the current characteristic to a database of currently available live presentations; and

deleting the information identifying the current characteristic from the database when the characteristic no longer describes the currently presenting portion of the live presentation.

34. (Previously presented) A method comprising:
receiving information identifying a live presentation;
making the information available for searching only for a duration of the
live presentation;

receiving information identifying a current characteristic of the live
presentation; and

making the current characteristic available for searching for as long as the
current characteristic describes a currently presenting portion of the live
presentation, and further comprising:

maintaining a record of user search requests; and

alerting a corresponding user when a new current characteristic that
satisfies a search request describes the currently presenting portion of the live
presentation.

35. (Original) A method as recited in claim 33, further comprising:

receiving a user search request; and

checking the database of currently available live presentations to determine,
based at least in part on the current characteristic in the database, whether a
currently available live presentation matches the user search request.

36. (Original) A method as recited in claim 22, further comprising:
receiving information identifying a current characteristic of the live presentation; and

transmitting the information identifying the current characteristic of the live presentation to a client computer.

37. (Original) A method as recited in claim 22, further comprising:
generating, based at least in part on the information identifying the live presentation, descriptive information corresponding to the live presentation; and
adding the descriptive information to a database of currently available live presentations.

38. (Original) A method as recited in claim 22, wherein the live presentation includes an audio stream and a video stream.

39-45. (Canceled)

46. (Original) An apparatus comprising:
a bus;
a processor coupled to the bus; and
a memory, coupled to the bus, to store a plurality of instructions that are executed by the processor, wherein the plurality of instructions, when executed, cause the processor to,
receive information identifying live content,

maintain the information for as long as the live content is available, and use the information to respond to searches from a plurality of client computers.

47. (Original) An apparatus as recited in claim 46, wherein the instructions to receive information identifying live content are to receive information identifying live content available from an encoder at the time the information is received.

48. (Original) An apparatus as recited in claim 46, further comprising a nonvolatile storage device, coupled to the bus, to record the information identifying live content.

49. (Original) An apparatus as recited in claim 46, wherein the plurality of instructions, when executed, further cause the processor to store the information identifying live content in the memory.

50. (Original) An apparatus as recited in claim 46, wherein the information identifying live content includes a set of descriptive words and an indicator of a server from which the live content is available.

51. (Original) An apparatus as recited in claim 50, wherein the indicator of the server comprises a uniform resource locator (URL).

52. (Previously presented) An apparatus as recited in claim 46, wherein the plurality of instructions, when executed, further cause the processor to:

receive information identifying current characteristics of the live content;

maintain the information identifying the current characteristics for as long as the current characteristics describe the live content; and

use the information identifying the current characteristics to respond to searches from the plurality of client computers.

53. (Previously presented) An apparatus comprising:

a bus;

a processor coupled to the bus; and

a memory, coupled to the bus, to store a plurality of instructions that are executed by the processor, wherein the plurality of instructions, when executed, cause the processor to,

receive information identifying live content,

maintain the information for as long as the live content is available, and

use the information to respond to searches from a plurality of client computers, wherein the plurality of instructions, when executed, further cause the processor to:

receive information identifying current topic information identifying a topic currently being presented as part of the live content;

receive an indication that the topic is no longer being presented;

maintaining the topic information for a period of time after receiving the indication that the topic is no longer being presented; and

using the current topic information to respond to searches from the plurality of computers during the period of time.

54. (Previously presented) An apparatus comprising:

a bus;

a processor coupled to the bus; and

a memory, coupled to the bus, to store a plurality of instructions that are executed by the processor, wherein the plurality of instructions, when executed, cause the processor to,

receive information identifying live content,

maintain the information for as long as the live content is available, and

use the information to respond to searches from a plurality of client computers, wherein the plurality of instructions, when executed, further cause the processor to generate, based on the information identifying live content, descriptive information to be added to a database of live content.

55-76. (Canceled)

77. (Previously presented) One or more computer-readable media having stored thereon a computer program that, when executed by one or more processors, causes the one or more processors to perform functions including:

receiving information identifying a live presentation; and

making the information available for searching only during a duration of the live presentation.

78. (Previously presented) One or more computer-readable media as recited in claim 77, wherein the receiving comprises receiving information identifying a live presentation scheduled to occur in the future.

79. (Previously presented) One or more computer-readable media as recited in claim 77, wherein the receiving comprises receiving information identifying a currently available live presentation.

80. (Previously presented) One or more computer-readable media as recited in claim 77, further comprising:

receiving information identifying a plurality of live presentations; and

for each live presentation, making the information identifying the live presentation available for searching only during a duration of the live presentation.

81. (Previously presented) One or more computer-readable media as recited in claim 77, further comprising:

receiving information identifying a plurality of live presentations;

for each live presentation, making the information identifying the live presentation available for searching only for the duration of the live presentation;
maintaining a record of user search requests; and
notifying the corresponding user when a new live presentation that satisfies a search request is available.

82. (Previously presented) One or more computer-readable media as recited in claim 81, further comprising:

receiving, for each of the user search requests, an indication of how the user should be notified; and
notifying the user in accordance with the notification.

83. (Previously presented) One or more computer-readable media as recited in claim 77, wherein the receiving comprises receiving the information from a same encoder as is presenting the information.

84. (Previously presented) One or more computer-readable media as recited in claim 77, wherein the making the information available for searching comprises:

adding the information to a database of currently available live presentations; and

deleting the information from the database when the live presentation has ended.

85. (Previously presented) One or more computer-readable media as recited in claim 84, further comprising:

receiving a user search request; and

accessing the database of currently available live presentations to determine whether a currently available live presentation matches the user search request.

86. (Previously presented) One or more computer-readable media as recited in claim 77, further comprising receiving an indication, from an encoder that is presenting the information, that the live presentation is finished.

D 87. (Previously presented) One or more computer-readable media as recited in claim 77, further comprising:

receiving information identifying a current characteristic of the live presentation; and

making the current characteristic available for searching for as long as the current characteristic describes a currently presenting portion of the live presentation.

88. (Previously presented) One or more computer-readable media as recited in claim 77, further comprising:

receiving information identifying a current characteristic of the live presentation; and

making the current characteristic available for searching for as long as the current characteristic describes a currently presenting portion of the live

presentation, wherein the making the current characteristic available for searching comprises:

adding the information identifying the current characteristic to a database of currently available live presentations; and

deleting the information identifying the current characteristic from the database when the current characteristic no longer describes the currently presenting portion of the live presentation.

89. (Previously presented) One or more computer-readable media as recited in claim 77, further comprising:

receiving information identifying a current characteristic of the live presentation; and

making the current characteristic available for searching for as long as the current characteristic describes a currently presenting portion of the live presentation, and further comprising:

maintaining a record of user search requests; and


alerting a corresponding user when a new current characteristic that satisfies a search request describes the currently presenting portion of the live presentation.

90. (Previously presented) One or more computer-readable media as recited in claim 77, further comprising:

receiving information identifying a current characteristic of the live presentation; and

transmitting the information identifying the current characteristic of the live presentation to a client computer.

91. (Previously presented) One or more computer-readable media as recited in claim 77, further comprising:

 generating, based at least in part on the information identifying the live presentation, descriptive information corresponding to the live presentation; and

adding the descriptive information to a database of currently available live presentations.

92. (Previously presented) One or more computer-readable media as recited in claim 77, wherein the live presentation includes an audio stream and a video stream.

New Claims:

93. (New) A method comprising:

receiving information identifying a live presentation;

making the information available for searching only for a duration of the live presentation;

receiving information identifying a current characteristic of the live presentation; and

making the current characteristic available for searching for as long as the current characteristic describes a currently presenting portion of the live presentation, wherein the making the current characteristic available for searching comprises:

adding the information identifying the current characteristic to a database of currently available live presentations; and

deleting the information identifying the current characteristic from the database when the characteristic no longer describes the currently presenting portion of the live presentation, and further comprising:

receiving a user search request; and

checking the database of currently available live presentations to determine, based at least in part on the current characteristic in the database, whether a currently available live presentation matches the user search request.

94. (New) A method as recited in claim 93, wherein the receiving comprises receiving information identifying a live presentation scheduled to occur in the future.

95. (New) A method as recited in claim 93, wherein the receiving comprises receiving information identifying a currently available live presentation.

96. (New) A method as recited in claim 93, further comprising:
receiving information identifying a plurality of live presentations; and
for each live presentation, making the information identifying the live presentation available for searching only during a duration of the live presentation.

97. (New) A method as recited in claim 93, further comprising:
receiving information identifying a plurality of live presentations;
for each live presentation, making the information identifying the live presentation available for searching only for the duration of the live presentation;
maintaining a record of user search requests; and
notifying the corresponding user when a new live presentation that satisfies a search request is available.

98. (New) A method as recited in claim 97, further comprising:
receiving, for each of the user search requests, an indication of how the user should be notified; and
notifying the user in accordance with the notification.

99. (New) A method as recited in claim 93, wherein the receiving comprises receiving the information from a same encoder as is presenting the information.

100. (New) A method as recited in claim 93, further comprising:
receiving a user search request; and
accessing the database of currently available live presentations to determine whether a currently available live presentation matches the user search request.

101. (New) A method as recited in claim 22, further comprising receiving an indication, from an encoder that is presenting the information, that the live presentation is finished.

102. (New) A method as recited in claim 93, further comprising:
receiving information identifying a current characteristic of the live presentation; and
making the current characteristic available for searching for as long as the current characteristic describes a currently presenting portion of the live presentation.

103. (New) A method as recited in claim 93, further comprising:
receiving information identifying a current characteristic of the live presentation; and

making the current characteristic available for searching for as long as the current characteristic describes a currently presenting portion of the live presentation, and further comprising:

maintaining a record of user search requests; and

alerting a corresponding user when a new current characteristic that satisfies a search request describes the currently presenting portion of the live presentation.

104. (New) A method as recited in claim 93, further comprising:

receiving information identifying a current characteristic of the live presentation; and

transmitting the information identifying the current characteristic of the live presentation to a client computer.

105. (New) A method as recited in claim 93, further comprising:

generating, based at least in part on the information identifying the live presentation, descriptive information corresponding to the live presentation; and

adding the descriptive information to a database of currently available live presentations.

106. (New) A method as recited in claim 93, wherein the live presentation includes an audio stream and a video stream.

107. (New) A method as recited in claim 93, further comprising:

receiving, for each of the user search requests, an indication of how the user should be notified chosen from a group consisting of: an email address, a pager number, a phone number and a cellular phone number; and
notifying the user in accordance with the notification.
